

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1536	signal near (current adj3 (status state operation\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:25
L5	95	L4 near3 (receiv\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:35
L6	15974	current adj operation\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:57
L7	0	5 near5 performance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:37
L8	9	5 near5 control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:41
L9	86	6 near5 performance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:37
L10	6	6 near5 (performance near control\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:40
L11	1	6 near5 (respond\$4 adj3 (chang\$3 \$2creas\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:41
L12	975	6 near5 control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:42
L13	127	6 near5 maximum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:42
L14	0	6 near5 (maximum near3 support\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:43
L15	0	6 near5 (maximum near3 available)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:43
L16	102	(13) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:41
L17	0	6 near5 desired	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:57
L18	0	6 with desired	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:09

## EAST Search History

L19	97077	determin\$3 adj3 current	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:05
L20	446	determin\$3 adj3 current adj operation\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:05
L21	2	determin\$3 adj3 current adj operation\$2 adj (voltage power)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:07
L22	2	determin\$3 adj3 current adj operation\$2 adj3 (greater less)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:08
L23	2	determin\$3 adj3 current adj operation\$2 adj5 (greater less)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:09
L24	0	6 with "desired"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:09
L25	2559	determin\$3 adj3 current adj5 (greater less)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:10
L26	1283	determin\$3 adj3 current adj5 (less)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:15
L27	16	determin\$3 adj3 current adj (power voltage) adj5 (less)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:26
L28	19	determin\$3 adj3 current adj (power voltage) adj5 (increment\$3 increas\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:35
L29	30	(select\$3 choos\$3) adj5 intermediate adj5 until\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:45
L30	184	intermediate adj3 until\$1 adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 10:28
L31	8	30 with (power or voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:46
L32	6	intermediate adj3 level\$1 adj3 until\$1 adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:37
L33	2082	level\$1 adj3 until\$1 adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:37

## EAST Search History

L34	471	level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:38
L35	5	(voltage power) adj3 level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:40
L36	2	(performance) adj3 level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:41
L37	471	level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:44
L38	353	(37) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:04
L39	4	(\$2creas\$3 \$2crement)adj3 level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:43
L40	4	(\$2creas\$3 \$2crement) adj3 level\$1 adj3 until\$1 adj5 level adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:43
L41	1	level\$1 adj3 until\$1 adj5 level adj3 (predetermined threshold reference) adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:47
L42	1	level\$1 adj3 until\$1 adj5 level adj3 (predetermined threshold reference) adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:47
L43	13928	(\$2crement\$3 \$2creas\$3) adj3 until\$1 adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:48
L44	621	(\$2crement\$3 \$2creas\$3) adj3 until\$1 adj5 level\$1 adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:52
L45	140	44 with (power performance voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:54
L46	126	(45) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:49
L47	0	(\$2crement\$3 \$2creas\$3) adj3 until\$1 adj5 (performance near level\$1) adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:53
L48	0	(\$2crement\$3 \$2creas\$3) adj3 until\$1 adj5 (performance near3 level\$1) adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:53

## EAST Search History

L49	0	(performance near3 (\$2crement\$3 \$2creas\$3)) adj3 until\$1 adj5 level\$1 adj3 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:54
L50	1	44 with (performance)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:01
L51	1901	step\$1wise near3 voltage	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:09
L52	80	step\$1wise near3 (voltage adj level\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:03
L53	63	(52) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:09
L54	1433	step\$1wise near3 level\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:10
L55	20	54 adj7 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:06
L56	7394	current adj3 performance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:07
L57	0	(current adj performance) with (during adj3 chang\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:07
L58	4	(current adj3 performance) with (during adj3 chang\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:08
L59	1926	(current adj performance)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:09
L60	86	(current adj performance) near3 indicat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:09
L61	68	(60) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:28
L62	61	((performance near level\$1) near3 until) adj5 (reached achieved)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:27
L63	45	(62) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:28

## EAST Search History

S1	10	US-5692201-\$.DID. OR US-6016548-\$.DID. OR US-5655127-\$.DID. OR US-6275948-\$.DID. OR US-6065122-\$.DID. OR US-5812860-\$.DID. OR US-6173409-\$.DID. OR US-6182232-\$.DID. OR US-6073244-\$.DID. OR US-5627412-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 12:07
S2	1376	during adj3 chang\$3 near5 output\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 11:52
S3	26	during adj3 chang\$3 near5 output\$4 adj3 (current)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:08
S4	7763	(indicat\$3 output\$3) adj3 (current present) near3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:16
S5	250	(indicat\$3 output\$3) adj3 (current present) near3 power adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:24
S6	796	(indicat\$3 output\$3) adj3 (current present) near3 (power voltage) adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:17
S7	404	(indicat\$3 output\$3) adj3 (current present) adj3 (power voltage) adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:19
S8	51934	during adj3 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:18
S9	0	S7 with S8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:18
S10	1	S7 same S8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:18
S11	0	(indicat\$3 output\$3) adj3 (present) adj3 (power voltage) adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:20
S12	0	(indicat\$3 output\$3) adj3 (present) adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:21
S13	0	(indicat\$3 output\$3) adj3 (present)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:22

## EAST Search History

S14	0	(indicat\$3 output\$3) adj3 ("present")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:23
S15	404	(indicat\$3 output\$3) adj3 (current) adj3 (power voltage) adj3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 12:23
S16	33	S15 near5 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:20
S17	4665	currently near3 level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:22
S18	268	currently near3 ((voltage power) adj3 level)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:23
S19	173	(S5) and @ad<="20031301"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:26
S20	145	(S5) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 15:20
S21	195	(S18) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 15:22
S22	1795	(existing current) adj (power voltage) adj level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 15:28
S23	84	S22 near5 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 15:22
S24	53	(S23) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:04
S25	44	indicat\$3 adj3 (existing current) adj (power voltage) adj level	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:01
S26	2	(indicat\$3 adj3 (power voltage) adj level) near5 ((during respon\$4) adj3 chang\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:03
S27	189	(indicat\$3 adj3 (power voltage) adj level) near5 ((during respon\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:17
S28	157	(S27) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:21

## EAST Search History

S29	1	(indicat\$3 adj3 (current existing) adj (power voltage) adj level) near5 ((during respon\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:19
S30	276612	(during respon\$4) adj3 (chang\$3 \$2creas\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:26
S31	84142	indicat\$3 adj3 (power voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:33
S32	90	S30 near3 S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:21
S33	63	(S32) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:29
S34	1259	indicat\$3 adj3 current adj (power voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:33
S35	1	S34 with S30	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 08:34
S36	20	S34 same S30	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:02
S37	66	increment near gradually	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:02
S38	1	S37 with ((indicat\$4 output\$4) near3 current)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:05
S39	49812	(indicat\$3 near current)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:06
S40	123	S39 with S30	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:06
S41	30	S39 near5 S30	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:26
S42	8140	(during respon\$4) adj3 ((voltage power) near (chang\$3 \$2creas\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:17
S43	87	indicat\$4 near3 S42	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:28

## EAST Search History

S44	66	(S43) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 11:53
S45	25	current adj operation adj signal	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:49
S46	547	indicat\$3 adj3 ((max maximum) adj (voltage power))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:24
S47	24	S46 near5 during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:06
S48	4057391	S46 with5 during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:06
S49	33	S46 with during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:07
S50	8	indicat\$3 adj3 current adj ((max maximum) adj (voltage power))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:25
S51	81	indicat\$3 adj3 (current adj (max maximum))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:29
S52	0	S51 near5 during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:26
S53	9	S49 not S47	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:26
S54	1	S51 with during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:26
S55	62	(S51) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:56
S56	120	generat\$3 adj3 current adj operation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 13:35
S57	72	(S56) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:06
S58	4	generat\$3 adj3 indicat\$3 near current adj operation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:21



## EAST Search History

S59	4	generat\$3 adj3 (indicat\$3 near current adj operation)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 13:38
S60	2	S46 near5 support\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 13:40
S61	2	S46 with support\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:00
S62	12165	current adj operation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:01
S63	101397	during adj3 (chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:02
S64	12	S63 near3 (current adj (stauts state operation mode))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:05
S65	99	S63 near3 (current adj3 (stauts state operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:06
S66	88	S65 not S64	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:06
S67	55	(S66) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:11
S68	120	generat\$3 adj3 current adj operation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:26
S69	434	generat\$3 adj3 current adj state	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:27
S70	7	S69 near5 during	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:36
S71	13	S69 near5 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:43
S72	3	S69 near5 monitor\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:47
S73	1833	indicat\$3 adj current adj state	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:49

## EAST Search History

S74	41143	based adj3 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:53
S76	0	S73 near5 S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:48
S77	0	S73 with S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:48
S79	3914	indicat\$3 adj current adj (state status mode operation\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:51
S80	0	S79 near3 S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:50
S81	0	S79 with S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:50
S83	4832	indicat\$3 adj3 current adj (state status mode operation\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:53
S84	0	S83 with S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:53
S85	56554	based adj3 (chang\$3 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:54
S86	0	S85 with S83	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:55
S87	13	S73 near3 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:10
S88	118	represent\$3 near3 (current adj operation\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:11
S89	88	represent\$3 adj3 (current adj operation\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:20
S90	62	(S89) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:45
S91	0	S89 near5 chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:20

## EAST Search History

S92	3	S89 with chang\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:20
S93	408	current adj operation adj (status state)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:50
S94	29	indicat\$3 near3 current adj operation adj (status state)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:50
S95	30	indicat\$3 near3 (current adj operation adj (status state))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:56
S96	0	(responding adj3 change) with (indicat\$3 near3 (current adj operation\$2 adj (status state)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:00
S97	0	(responding) with (indicat\$3 near3 (current adj operation\$2 adj (status state)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:00
S98	1	S42 near5 (current adj2 (status state))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:20
S99	865	S42 near5 (current)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:18
S10 0	0	S42 near5 (current adj operation\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:19
S10 1	0	S42 near5 (current adj function)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:19
S10 2	2	S42 near5 (current adj3 (status state))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:23
S10 3	1533	signal near (current adj3 (status state operation\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:24
S10 4	1	S103 near3 (each individual\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:25
S10 5	52	S103 near3 (send\$3 transmit\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:25
S10 6	55	S103 near3 (send\$3 transmit\$4 sent)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 16:26

## EAST Search History

S10 7	38	(S106) and @ad<="20030113"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:24
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